

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Lujun Chen

Conf. No: 9242

Appln. No.: 09/843,370

Allowed: December 27,
2004

Filed : April 26, 2001

Group Art Unit: 2652

For : GIANT MAGNETORESISTIVE
SENSOR HAVING
SELFCONSISTENT
DEMAGNETIZATION FIELDS

Examiner:

Docket No.: S01.12-0730/STL 9852

Brian E. Miller

CERTIFICATE OF MAILING

Mail Stop Issue Fee

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Submitted herewith is our check in the amount of \$1,700.00 as payment of the Issue Fee in the above-identified application and Advanced Order for 0 soft copies of the issued patent, along with the Issue Fee Transmittal.

In the event the attached check is unacceptable, or the check is omitted, or if there are any additional fees associated with this application, please charge the required fee or credit any overpayment to Deposit Account No. 23-1123.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 12, 2005.

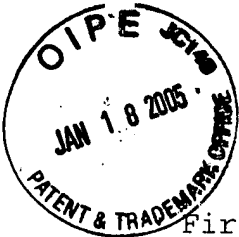
Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Brian D. Kaul, Reg. No. 41,885
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

BDK/djb



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Lujun Chen	
Appln. No.: 09/843,370	
Filed : April 26, 2001	Group Art Unit: 2652
For : GIANT MAGNETORESISTIVE SENSOR HAVING SELFCONSISTENT DEMAGNETIZATION FIELDS	Examiner: Brian E. Miller
Docket No.: S01.12-0730	

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

12TH DAY OF January, 2005.


PATENT ATTORNEY

The Applicant agrees with the Examiner's Statement of Reasons for Allowance to the extent that the claims of the present invention are patentable over the references in the record. The Applicant expressly traverses the Examiner's Statement of Reasons for Allowance to the extent that any comment is intended or has the effect of limiting a claim scope, explicitly or implicitly, by not reciting verbatim the respective claim language, or is intended or has the effect of limiting a claim scope by stating or implying that all the reasons of patentability are in any way fully enumerated. In addition, Applicant submits that the sense current (I) is not expressly claimed and is only used to define the longitudinal direction reference.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Brian D. Kaul, Reg. No. 41,885
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

BDK/djb